

## Connecting the Solar System and Extra-Solar Systems with SAFIR

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We explore the uses of a 10 m-class, cold, space-based telescope for exploring objects in the solar system, and objects in extra-solar planetary systems. We present Spitzer solar system observations, using those as a starting point for discussing what types of things could be learned using SAFIR. We also explore whether SAFIR would provide unique capabilities for discovering and perhaps characterizing extra-solar planets.